

**WEST**

## Freeform Search

**Database:**  US Patents Full Text Database  US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  EPO Abstracts Database  
 Derwent World Patents Index  IBM Technical Disclosure Bulletins

5500230.pn.

**Term:**

**Display:**  10 **Documents in Display Format:**  Starting with Number  1

**Generate:**  Hit List  Hit Count  Side by Side  Image

---

### Search History

---

**DATE:** **Tuesday, January 07, 2003** [Printable Copy](#) [Create Case](#)

**Set Name** Query  
side by side

**Hit Count** Set Name  
result set

DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>L8</u>	5500230.pn.	2	<u>L8</u>
<u>L7</u>	55000230.pn.	0	<u>L7</u>
<u>L6</u>	prostaglandin near hair	3	<u>L6</u>
<u>L5</u>	prostaglandin same hair	123	<u>L5</u>
<u>L4</u>	l1 same (glaucoma or osteoporosis)	12	<u>L4</u>
<u>L3</u>	L1 near (pg or prostaglandin)	1	<u>L3</u>
<u>L2</u>	L1 same (pg or prostaglandin)	112	<u>L2</u>
<u>L1</u>	minoxidil	1629	<u>L1</u>

END OF SEARCH HISTORY

Welcome to STN International! Enter x:x

LOGINID: ssspta1619lxw

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?): 2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 4 Apr 09 ZDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and  
IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and  
ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter (PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 28 Oct 21 EVENTLINE has been reloaded  
NEWS 29 Oct 24 BEILSTEIN adds new search fields  
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on  
STN  
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002  
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT  
NEWS 33 Nov 25 More calculated properties added to REGISTRY  
NEWS 34 Dec 02 TIBKAT will be removed from STN  
NEWS 35 Dec 04 CSA files on STN  
NEWS 36 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
NEWS 37 Dec 17 TOXCENTER enhanced with additional content  
NEWS 38 Dec 17 Adis Clinical Trials Insight now available on STN  
NEWS 39 Dec 30 ISMEC no longer available

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,  
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP).

NEWS HOURS AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002  
NEWS INTER STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN General Internet Information  
NEWS PHONE Welcome Banner and News Items  
NEWS WWW Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 10:18:22 ON 07 JAN 2003

FILE 'REGISTRY' ENTERED AT 10:18:27 ON 07 JAN 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JAN 2003 HIGHEST RN 478238-10-7  
DICTIONARY FILE UPDATES: 6 JAN 2003 HIGHEST RN 478238-10-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END) :end

=> screen 963 AND 1006 AND 1015 AND 2076

L1 SCREEN CREATED

=>  
Uploading C:\STNEXP4\QUERIES\pgf.str

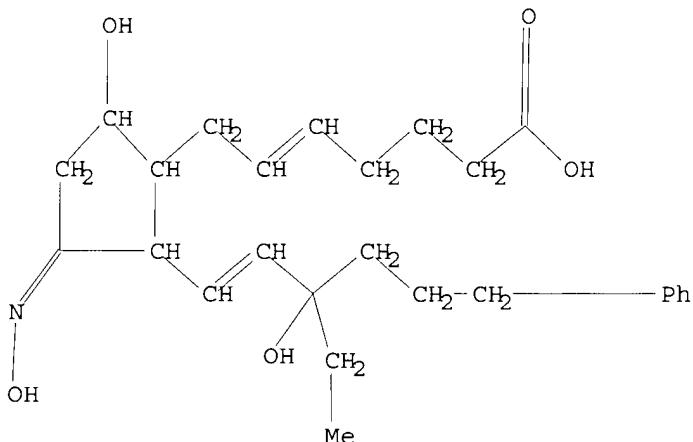
L2 STRUCTURE UPLOADED

=> que L2 AND L1

L3      QUE L2 AND L1

=> d 13

L3 HAS NO ANSWERS



Structure attributes must be viewed using STN Express query preparation.  
L3                   QUE   L2 AND L1

=> s 13

SAMPLE SEARCH INITIATED 10:18:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS  
SEARCH TIME: 00.00.02

## 1 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 1 TO 800  
PROJECTED ANSWERS: 1 TO 800

L4 1 SEA SSS SAM L2 AND L1

=> s 13 full

FULL SEARCH INITIATED 10:18:57 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS  
SEARCH TIME: 00.00.01

## 1 ANSWERS

## L5 1 SEA SSS FUL L2 AND L1

=> fil caplus uspatfull biosis embase medline  
COST IN U.S. DOLLARS

**FULL ESTIMATED COST**

SINCE FILE ENTRY	TOTAL SESSION
148.15	148.36

FILE 'CAPLUS' ENTERED AT 10:19:12 ON 07 JAN 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 10:19:12 ON 07 JAN 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 10:19:12 ON 07 JAN 2003  
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'EMBASE' ENTERED AT 10:19:12 ON 07 JAN 2003  
COPYRIGHT (C) 2003 Elsevier Science B.V. All rights reserved.

FILE 'MEDLINE' ENTERED AT 10:19:12 ON 07 JAN 2003

=> s 15  
L6 2 L5

=> dup rem 16  
PROCESSING COMPLETED FOR L6  
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)

=> d 17 ibib abs hitstr

L7 ANSWER 1 OF 2 USPATFULL  
ACCESSION NUMBER: 2002:265567 USPATFULL  
TITLE: Compositions and methods for treating hair loss using  
oximyl and hydroxylamino prostaglandins  
INVENTOR(S): DeLong, Mitchell Anthony, West Chester, OH, UNITED  
STATES  
McIver, John McMillan, Cincinnati, OH, UNITED STATES  
Youngquist, Robert Scott, Mason, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002146439	A1	20021010
APPLICATION INFO.:	US 2001-774556	A1	20010131 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-193844P	20000331 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Catherine U. Brown, The Proctor & Gamble Company, Miami	
	Valley Laboratories, P.O. Box 538707, Cincinnati, OH, 45253-8707	
NUMBER OF CLAIMS:	51	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1981	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	A method for treating hair loss in mammals uses compositions containing prostaglandins analogs. The compositions can be applied topically to the skin. The compositions can arrest hair loss, reverse hair loss, and promote hair growth.	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

IT 365401-53-2P

(topical compns. contg. oximyl- and hydroxylamino-prostaglandins for  
treating hair loss)

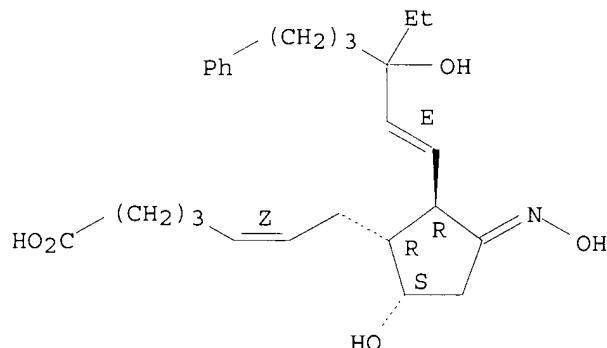
RN 365401-53-2 USPATFULL

CN 5-Heptenoic acid, 7-[(1R, 2R, 5S)-2-[(1E)-3-ethyl-3-hydroxy-6-phenyl-1-  
hexenyl]-5-hydroxy-3-(hydroxyimino)cyclopentyl]-, (5Z)- (9CI) (CA

INDEX

NAME)

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



=> d 17 2 ibib abs hitstr

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:747558 CAPLUS

DOCUMENT NUMBER: 135:293969

TITLE: Compositions and methods for treating hair loss using  
oximyl- and hydroxylamino-prostaglandins

INVENTOR(S): Delong, Mitchell Anthony; Mciver, John Mcmillan;  
Youngquist, Robert Scott

PATENT ASSIGNEE(S): The Procter + Gamble Company, USA

SOURCE: PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001074307	A2	20011011	WO 2001-US10547	20010330
WO 2001074307	A3	20020411		
W:	AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

US 2002146439 A1 20021010 US 2001-774556 20010131  
EP 1267808 A2 20030102 EP 2001-926535 20010330  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
PRIORITY APPLN. INFO.: US 2000-193844P P 20000331  
WO 2001-US10547 W 20010330

OTHER SOURCE(S): MARPAT 135:293969  
AB A compn. for treating hair loss in mammals comprises a prostaglandin analog, an activity enhancer in an amt. of 1-20%, and a sufficient amt. of

a component selected from the group consisting of emollients, propellants,

solvents, humectants, thickeners, powders, fragrances, water, alc., aloe vera gel, allantoin, glycerin, vitamin A and E oils, mineral oil, propylene glycol, polypropylene glycol-2 myristyl propionate, di-Me isosorbide, and combinations thereof. The compns. can be applied topically to the skin to arrest hair loss, reverse hair loss, and promote hair growth. A compn. for topical administration was prep'd. comprising (by wt.) a prostaglandin (IC50 = 150 nM) 0.1%, ethanol 59.9%, propylene glycol 20.0%, and di-Me isosorbide 20.0%. Also, a shampoo was made

contg.

ammonium lauryl sulfate 11.5%, ammonium laureth sulfate 4%, cocamide MEA 2%, ethylene glycol distearate 2%, cetyl alc. 2%, stearyl alc. 1.2%, glycerin 1%, sodium chloride 0.1%, sucrose polyesters of cottonate fatty acid 3%, sucrose polyesters of behenate fatty acid 2%, lauryl di-Me amine oxide 1.5%, DMDM hydantoin 0.15%, prostaglandin (IC50 = 150 nM) 0.15%, phenoxyethanol 0.5%, fragrance 0.5%, and water up to 100%. A topical pharmaceutical compn. for lowering intraocular pressure was also prep'd. contg. prostaglandin 0.004%, dextran 70 0.1%, hydroxypropyl Me cellulose 0.3%, sodium chloride 0.77%, potassium chloride 0.12%, disodium EDTA 0.05%, benzalkonium 0.01%, HCl and/or NaOH to pH 7.2-7.5, and water to 100%. The compn. was administered ocularly to a subject once per day for 6 to 12 wk to promote eyelash growth.

IT 365401-53-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

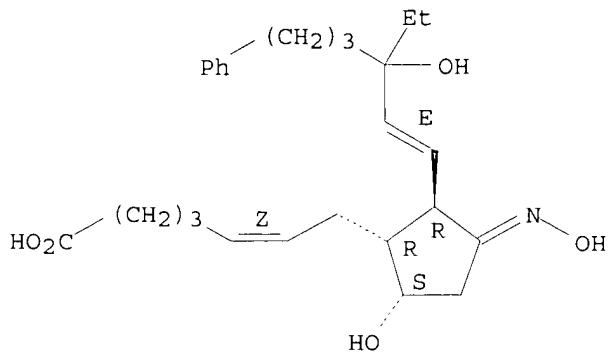
(topical compns. contg. oximyl- and hydroxylamino-prostaglandins for treating hair loss)

RN 365401-53-2 CAPLUS

CN 5-Heptenoic acid, 7-[(1R,2R,5S)-2-[(1E)-3-ethyl-3-hydroxy-6-phenyl-1-hexenyl]-5-hydroxy-3-(hydroxyimino)cyclopentyl]-, (5Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as described by E or Z.



=> log y  
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
--	---------------------	------------------

FULL ESTIMATED COST 13.78 162.14

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

	SINCE FILE ENTRY	TOTAL SESSION
--	---------------------	------------------

CA SUBSCRIBER PRICE -0.65 -0.65

STN INTERNATIONAL LOGOFF AT 10:20:10 ON 07 JAN 2003